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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/675,688	09/29/2000	Ashraf A. Michail	MSI-675US	1484

22801 7590 03/14/2007  
LEE & HAYES PLLC  
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SPOKANE, WA 99201

EXAMINER
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STORK, KYLE R

ART UNIT	PAPER NUMBER
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2178

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	03/14/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 03/14/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

lhptoms@leehayes.com

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/675,688	MICHAIL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Kyle R. Stork	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 February 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6,23-28 and 36-41 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,23-28 and 36-41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

1. This final office action is in response to the amendment filed 12 February 2007.
2. Claims 1-6, 23-28, and 36-41 are pending. Claims 1, 23, and 36 are independent claims.

The rejection of claims 1-6 under 35 USC 101 have been withdrawn as necessitated by the amendment.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-6, 23-28, and 36-41 remain rejected under 35 U.S.C. 102(b) as being anticipated by Simpson (Mastering WordPerfect® 5.1 & 5.2 For Windows™, 1993).

As per independent claim 1, Simpson discloses in an extensible electronic document editor, a selection services component comprising a selection services interface that provides one or more methods to enable an editor extension to override a selection function provided by the electronic document editor and provide a customized model for the selection function (pages 512, 514, and 517-518: Here a user overrides an existing macro provided by the electronic document editor by overwriting the pre-existing macro), and to clear, add or remove a segment from a selection object using the customized model for the selection function (pages 517-518 and 520: Here, a user

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is able to edit a macro by clearing the macro and overwriting or by adding/removing a segment from the macro).

As per dependent claim 2, Simpson discloses wherein one of the methods provided further comprises a method that adds an element to an editable selection (pages 517-518 and 520).

As per dependent claim 3, Simpson discloses wherein the selection services interface is adapted to enable the extensible electronic document editor to interact with the customized selection model without exposing details of the editor extension (page 516-517: Here, when a macro is executed, the user does not see the actually keystrokes/coding of the macro. Instead the user merely has the resulting document).

As per dependent claim 4, Simpson discloses wherein one of the methods further comprises a method that adds a segment to an editable selection (pages 523-525: Here, a user is able to edit the text of the macro similarly to editing a text document).

As per dependent claim 5, Simpson discloses wherein one of the methods further comprises a method that removes a segment from an editable selection (pages 523-525).

As per dependent claim 6, Simpson discloses wherein one of the methods further comprises a method that sets a selection type (pages 526-535: Here, macros can be of a plurality of types, including automatic execution, automatic execution at start-up, and nested).

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As per independent claims 23, Simpson discloses a computer-readable medium having computer-executable instructions for one or more interfaces that, when executed by an extensible electronic document editor on a computer, perform the following steps:

- Override a selection function provided by the electronic document editor to provide a customized model for the selection function (pages 512, 514, and 517-518)
- Receive parameters from a designer through a selection services interface (pages 512-513: Here, the creation of a macro enters parameters from a designer through a selection services interface)
- Utilize the parameters to clear, add, or remove a selected segment from a selection object of an electronic document using the customized model for the selection function (pages 517-518 and 520)
- Return values to the designer regarding the state of the selected segment (pages 514-515: Here, a designer recording a macro is presented with a macro definition that has recorded all the keystrokes while creating the macro)

As per dependent claims 24-28, the applicant discloses the limitations similar to those in claims 2-6 respectively. Claims 24-28 are similarly rejected.

As per independent claim 36, the applicant discloses the limitations similar to those in claims 1 and 23. Claim 36 is similarly rejected.

As per dependent claims 37-41, the applicant discloses the limitations similar to those in claims 2-6 respectively. Claims 37-41 are similarly rejected.

### ***Response to Arguments***

5. Applicant's arguments filed 12 February 2007 have been fully considered but they are not persuasive.

The applicant presents two arguments with respect to claims 1, 23, and 36. The first argument is that Simpson fails to disclose a selection services component (page 8). However, the examiner respectfully disagrees. The applicant states, "Selection services provides extensions a way to modify a selection process of an extensible editor to which the designers are coupled (page 8)." The applicant appears to allege that a macro fails to provide similar extensions (page 9). However, the examiner respectfully disagrees. Simpson discloses the method of editing a macro (page 520). This method includes selecting a macro to edit (page 520, section "Editing a Macro Entry," item 2). Further, the user is then able to modify the selected macro process (page 520, section "Editing a Macro Entry," item 5). Therefore, this provides a method to modify a selection process of an extensible editor.

The applicant's second argument is directed to the belief that Simpson fails to provide a selection service interface that provides a customized model for the selection function (page 9). For support, the applicant states, "The selection services interface provides methods to programmatically clear, add, and remove segments from a selection object (page 9)." The macros of Simpson all for a user to remove, add, and

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edit segments of a macro (pages 512-520). Further, the applicant states, "the interfaces can be utilized by an extension that is coupled to the extensible editor to add new features to the editor, to augment existing features, or to override the editor's default behavior (page 9)." Again, editing a macro allows a user to add new features, augment features, and override the default behavior of the macro (pages 512-520 and 523-526). Therefore, Simpson discloses a selection services interface that provides a customized model for the selection function.

### ***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyle R. Stork whose telephone number is (571) 272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Kyle R Stork  
Patent Examiner  
Art Unit 2178

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PRIMARY EXAMINER